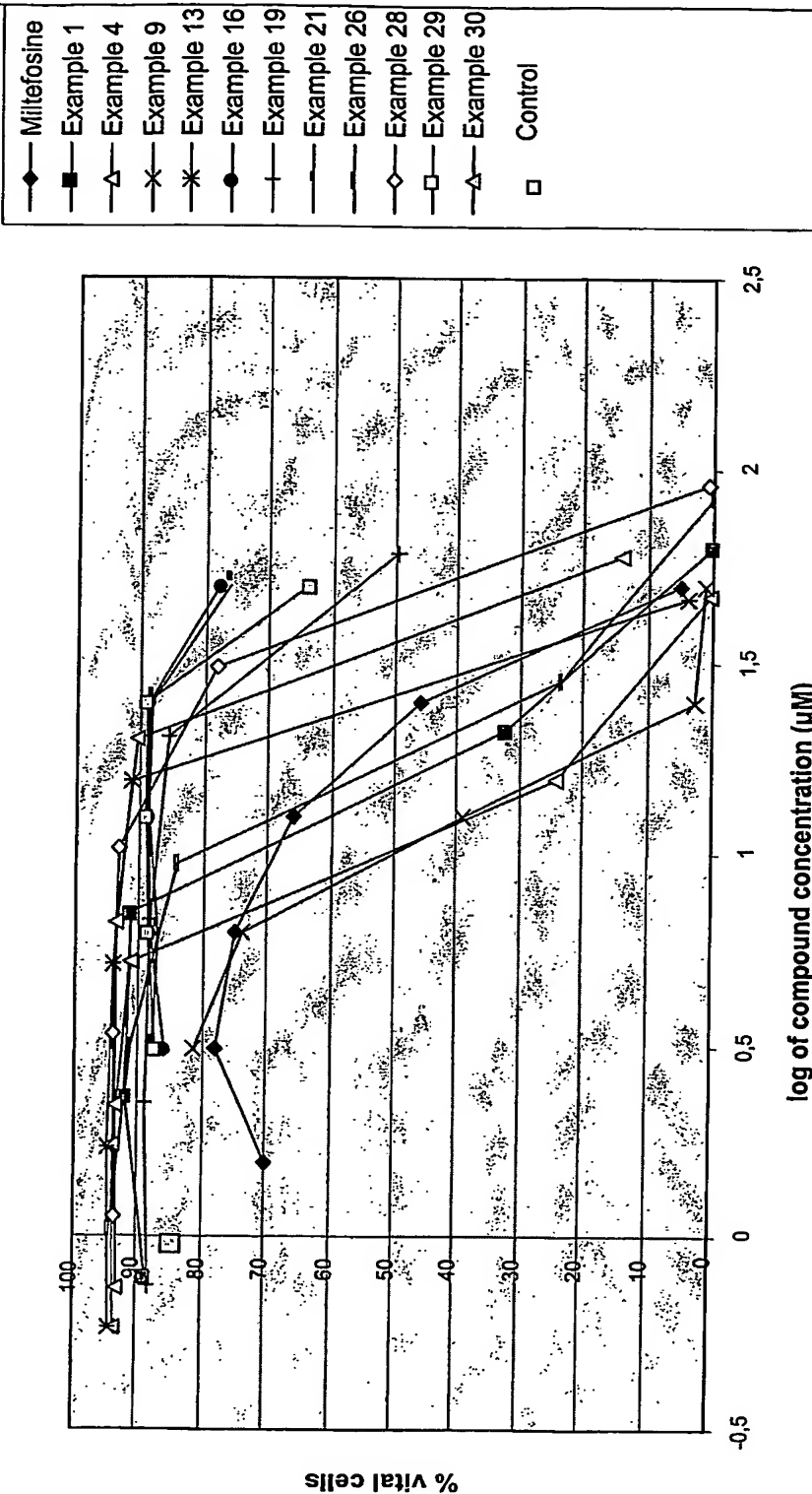


Figure 1 Cytotoxicity of ether phospholipids on THP-1 cell line

Cytotoxicity of ether phospholipids on THP-1 cell line, estimated by dual staining with PI & SYBR-14 by means of flow cytometry

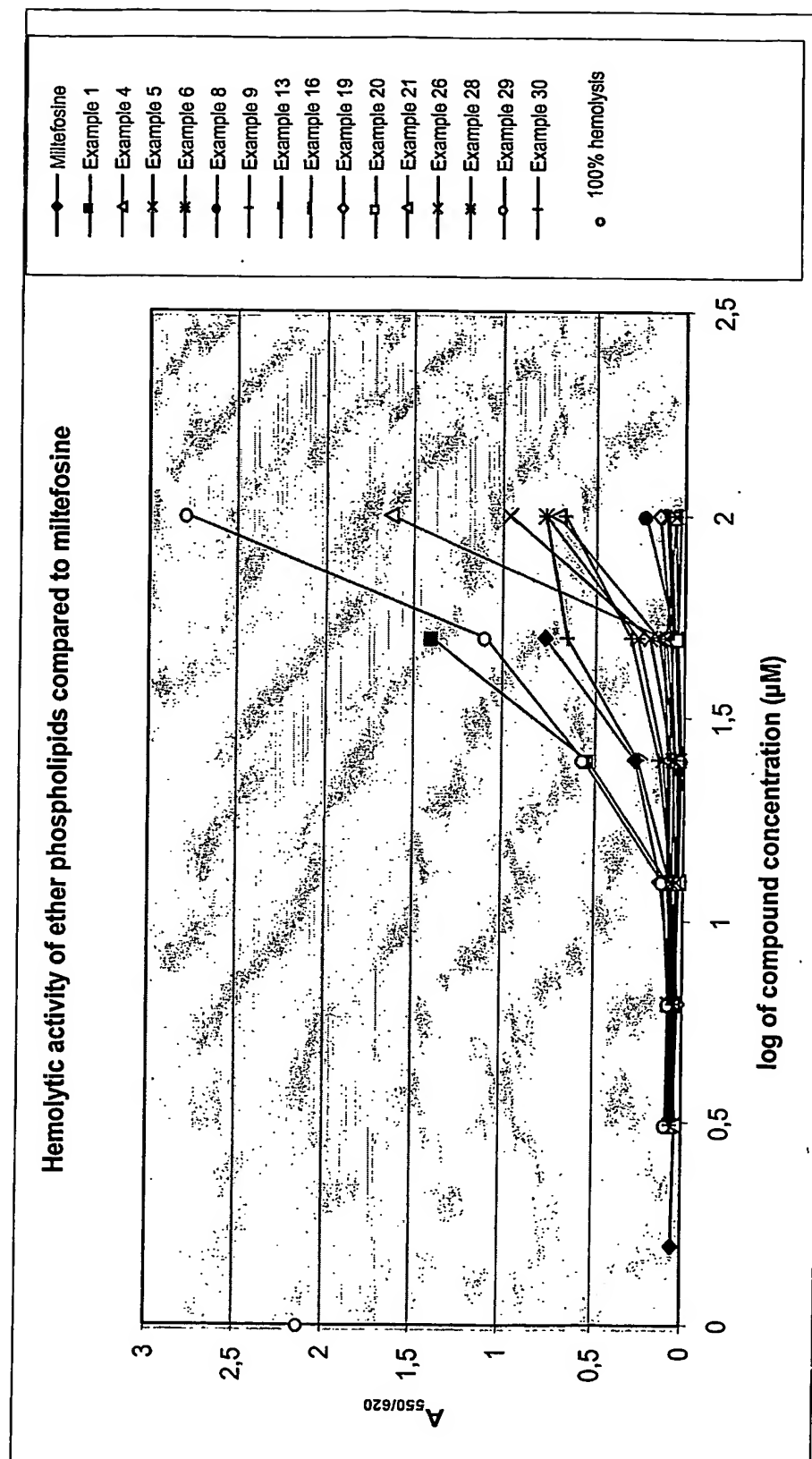


$\text{RO}-\text{CH}_2-\text{CH}_2-\text{O}-\text{P}(=\text{O})(\text{O}^-)-\text{O}-\text{CH}_2-\text{CH}_2-\text{X}$			$\text{RO}-\text{CH}_2-\text{CH}_2-\text{O}-\text{P}(=\text{O})(\text{O}^-)-\text{O}-\text{CH}_2-\text{CH}_2-\text{X}$			$\text{RO}-\text{CH}_2-\text{CH}_2-\text{O}-\text{P}(=\text{O})(\text{O}^-)-\text{O}-\text{CH}_2-\text{CH}_2-\text{X}$		
Example	R	X	Example	R	X	Example	R	X
1		N ⁺ (CH ₃) ₃	10		N ⁺ (CH ₃) ₃	22		Me-N ⁺
2		Me-N ⁺	11		Me-N ⁺	23		Me-N ⁺
3		Me-N ⁺	12		Me-N ⁺	24		Me-N ⁺
4		N ⁺ (CH ₃) ₃	13		N ⁺ (CH ₃) ₃	25		Me-N ⁺
5		Me-N ⁺	14		Me-N ⁺	26		N ⁺ (CH ₃) ₃
6		Me-N ⁺	15		Me-N ⁺	27		N ⁺ (CH ₃) ₃
7		N ⁺ (CH ₃) ₃	16		N ⁺ (CH ₃) ₃			
8		Me-N ⁺	17		Me-N ⁺			
9		Me-N ⁺	18		Me-N ⁺			
			19		N ⁺ (CH ₃) ₃	28		N ⁺ (CH ₃) ₃
			20		Me-N ⁺	29		N ⁺ (CH ₃) ₃
			21		Me-N ⁺	30		N ⁺ (CH ₃) ₃

Figure 2

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Figure 3 Hemolysis of red blood cells by ether phospholipids compared to miltefosine



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